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SHEET 1 OF 5

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)ATTY. DOCKET NO.  
2060-78SERIAL NO.  
09/997,932APPLICANT  
BRODERICK et al.FILING DATE  
November 28, 2001

GROUP ART

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
AK	AA	2,860,952	11/18/58	BERGERON ET AL.	23	134	
AK	AB	3,194,629	07/13/65	DREIBELBIS ET AL.	23	2	
AK	AE	3,232,033	02/01/66	WILLISTON ET AL.	55	387	
AK	AO	3,257,776	06/28/66	PARK ET AL.	55	72	
AK	AE	3,374,608	03/26/68	MANES	55	72	
AK	AE	3,674,428	07/04/72	DEAN ET AL.	23	134	
AK	AG	3,740,331	06/19/73	ANDERSON ET AL.	210	53	
AK	AH	3,749,761	07/31/73	DEAN ET AL.	423	562	
AK	AI	3,790,370	02/05/74	LALANCETTE	75	108	
AK	AJ	3,835,217	09/10/74	DUNSMOOR	423	499	
AK	AK	3,847,598	11/12/74	COULTER ET AL.	75	121	
AK	AL	3,857,704	12/31/74	COULTER	75	121	
AK	AM	3,873,581	03/25/75	FITZPATRICK ET AL.	260	370	
AK	AN	4,038,071	07/26/77	DI BELLA	75	108	
AK	AO	4,053,401	10/11/77	FUKUSHIMA ET AL.	210	52	
AK	AK	4,094,777	06/13/78	SUGIER ET AL.	210	32	
AK	AO	4,101,631	07/18/78	AMBROSINI ET AL.	423	210	
AK	AO	4,147,626	04/03/79	FINDLAY ET AL.	210	52	
AK	AS	4,230,486	10/28/80	CAPUANO ET AL.	75	81	
AK	AT	4,256,707	03/17/81	FLYNN, JR. ET AL.	423	42	
AK	AU	4,260,494	04/07/81	DOTSON ET AL.	210	721	

EXAMINER

*Anthony Thibaut*

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AK	AV	4,354,942	10/19/82	KACZUR ET AL.	210	712	
AK	AW	4,377,483	03/22/83	YAMASHITA ET AL.	210	670	
AK	AX	4,419,107	12/06/83	ROYDHOUSE	55	5	
AK	AY	4,474,896	10/02/84	CHAO	502	216	
AK	AZ	4,599,177	07/08/86	HAYASHI ET AL.	210	718	
AK	BA	4,614,592	09/30/86	GOOGIN ET AL.	210	679	
AK	BB	4,695,447	09/22/87	SHULTZ	423	659	
AK	BG	4,709,118	11/24/87	YAN	585	820	
AK	BD	4,731,187	03/15/88	MORIYA ET AL.	210	719	
AK	BE	4,764,219	08/16/88	YAN	134	2	
AK	BF	4,814,091	03/21/89	NAPIER ET AL.	210	665	
AK	BG	4,844,815	07/04/89	ADER ET AL.	210	751	
AK	BH	4,861,493	03/29/90	JANSEN	210	715	
AK	BI	4,892,567	01/09/90	YAN	55	33	
AK	BJ	4,909,926	03/20/90	YAN	210	253	
AK	BK	4,915,818	04/10/90	YAN	210	251	
AK	BL	4,962,276	10/09/90	YAN	585	867	
AK	BM	4,986,898	01/22/91	TORIHATA ET AL.	210	251	
AK	BN	5,034,054	07/23/91	WOODWARD	75	388	
AK	BO	5,053,209	10/01/91	YAN	423	210	
AK	BP	5,062,948	11/05/91	KAWAZOE ET AL.	208	251	
AK	BQ	5,080,799	01/14/92	YAN	210	661	
AK	BR	5,107,060	04/21/92	YAN	585	823	
AK	BS	5,141,724	08/25/92	AUDEH ET AL.	423	210	
AK	BT	5,173,286	12/22/92	AUDEH	423	566.1	

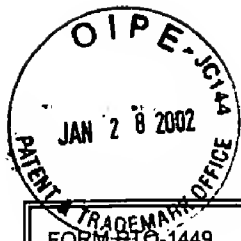
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*Anthony T. Dubas*

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AK	BU	5,192,163	03/09/93	FLEMING	405	128	
AK	BV	5,202,301	04/13/93	McNAMARA	502	417	
AK	BW	5,298,168	03/29/94	GUESS	210	713	
AK	BX	5,308,500	05/03/94	SCHWARZBACH	210	716	
AK	BY	5,322,628	06/21/94	YAN	210	673	
AK	BZ	5,336,835	08/09/94	McNAMARA	585	820	
AK	CA	5,360,632	11/01/94	JOHNSON ET AL.	427	212	
AK	CB	5,391,217	02/21/95	ZOCHE	75	724	
AK	CC	5,409,522	04/25/95	DURHAM ET AL.	75	670	
AK	CD	5,419,884	05/30/95	WEEKMAN ET AL.	423	210	
AK	CE	5,463,167	10/31/95	OU	585	823	
AK	CE	5,492,627	02/20/96	HAGEN ET AL.	210	651	
AK	CG	5,523,067	06/04/96	MARKOV'S	423	99	
AK	CH	5,536,416	07/16/96	COLTRINARI ET AL.	210	723	
AK	CI	5,919,001	07/06/99	LIN	405	128	
AK	CJ	5,922,277	07/13/99	DONHOFF ET AL.	422	1	
AK	CK	5,976,383	11/02/99	GUESS ET AL.	210	711	
AK	CL	5,986,161	11/16/99	AKAE ET AL.	588	231	

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FORM PTO 100

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GROUP ART

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
AK	CM	JP 48026672 A	04/07/73	Japan				x
AK	CN	JP 51069483	06/16/76	Japan				x
AK	CO	DE 41 23907 A1	01/21/93	Germany				x
AK	CP	DE 44 22 468 A1	01/04/96	Germany				x
AK	CO	2,173,171	10/26/96	Canada				x
AK	CR	2,173,271	02/23/99	Canada				x

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AK	CS	Sittig, 1973, Pollutant Removal Handbook: 286-294
AK	CT	Grant et al., 1987, Grant & Hack's Chemical Dictionary: 25, 29
AK	CU	Barth, 1990, The SITE Demonstration of the CHEMFIX Solidification/Stabilization Process at the Portable Equipment Salvage Company Site: 166-170
AK	CV	Huang et al., 1991, Emissions of Airborne Toxics from Coal-Fired Boilers: Mercury: 13-16
AK	CW	Superfund Innovative Technology Evaluation, 1992
AK	CX	Trezek, 1992, Remediation of Heavy Metals in Soils and Sludges: 1-5
AK	CY	Damell et al., 1992, Full-Scale Tests of Sulfur Polymer Cement and Non-radioactive Waste in Heated and Unheated Prototypical Containers: iii-A-8
AK	CZ	Blumbach et al., 1992, Sorbalit - A New Economic Approach Reducing Mercury and Dioxin Emissions: 2-20
AK	DA	Hartenstein, 1992, A Fixed Bed Activated Coke/Carbon Filter as a Final Gas Cleaning Stage Retrofitted for a Hazardous Waste Incineration Plant - The First 6 Months of Operating Experience: 2-16
AK	DB	Gorin et al., 1994, Final Disposal Options for Mercury/Uranium Mixed Wastes From the Oak Ridge Reservation: iii-21
AK	DC	Daryl R., 1998, ADA Technologies, Inc. Memorandum

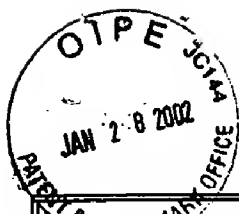
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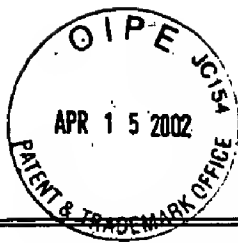
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	FILING DATE November 28, 2001	GROUP ART

AK	DD	1998, ADA Process for Stabilizing Radioactively Contaminated Elemental Mercury a Success, VIII (3): 1-4
AK	DE	Brown, 2000, Stabilization of Mercury Containing Wastes
AK	DF	2000, Soil Screening Guidance for Radionuclides: User's Guide: i-C-8
AK	DG	Davis et al., Mercury Mixed Waste Treatment: 13-23
AK	DH	Stewart et al., Stabilization of Radioactively Contaminated Elemental Mercury Wastes
AK	DI	Darco FGD Activated Carbon for Removal of Mercury and Dioxin From Flue Gas: 1-5
AK	DJ	Conley, Hg Working Group/Treatment Demonstrations [3PCK]: 1-4
AK	DK	Broderick et al., Mercury Control and Treatment Processes for Solid, Liquid and Gas Streams
AK	DL	Tyson, 1992, Treatability Study for the Amalgamation of a Radioactively Contaminated Elemental Mercury Waste at the Idaho National Engineering Laboratory
AK	DM	Faulkner et al., Size Reduction: 132-162

EXAMINER <i>Anthony Thibaut</i>	DATE CONSIDERED 7/15/03
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#3

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## U.S. PATENT DOCUMENTS

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AK	AA	5,898,093	04/27/99	Vos	588	236	
AK	AB	5,967,965	10/19/99	Vyshkina et al.	588	256	
AK	AC	5,976,270	11/02/99	Zeletz et al.	134	28	
AK	AD	6,139,485	10/31/00	Pal et al.	588	256	

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